

## **Postsecondary Entrance Levels for Mathematics and General Education Credit**

All universities require for admission the Pre-College Curriculum (PCC), which includes:

English ----- 4 units (years)

Math ----- 3 units (Algebra I and II, and Geometry)

Science ----- 2 units (Biology, and either Chemistry or Physics) (3 in 2002)

Social Studies -- 2 units (World Civilization and US History) (3 in 2002)

Postsecondary remedial courses count for semester time (for financial aid purposes) but not for degree credit.

During the 1999-2000 academic year, 3,282 out of 12,690 first-time freshmen (25.8 percent) who had completed the PCC were enrolled in a remedial mathematics course at a four-year public university in Kentucky. Eight out of 20 such students were enrolled in remedial mathematics at Lexington Community College. KCTCS institutions are not required to report on remedial placement.

### **EASTERN KENTUCKY UNIVERSITY**

**Full Admission:** Minimum ACT Composite of 18 (with no standard scores below 18 in English, Reading, and Math).

**Math placement policy:** Students take an in-house placement test for MAT 107.

**1<sup>st</sup> entry-level course (transferable for gen ed. requirement):** MAT 105 (Math with Applications)--requires Full Admission criteria or completion of requisite remedial courses with a grade of C or better.

**1<sup>st</sup> entry-level (transferable for math requirement):** MAT 107 (College Algebra).

**Active remedial math courses:** MAT 090 (Pre-algebra), MAT 095 (Developmental Algebra I), MAT 098 (Algebra II)—does not count for college credit.

### **KENTUCKY STATE UNIVERSITY**

**Unconditional institutional admission:** Index of 430+ ( $ACT \times 10 + GPA \times 100 = \text{Index}$ ).

**Math placement policy:** ACT Math scores. Below 19 requires remedial placement. Students with an ACT Math score of above 24 will be placed in MAT 120 (Precalculus). Students with an ACT of above 24 who ask to be placed in calculus are given an in-house placement test.

**1<sup>st</sup> entry-level course (satisfies for internal gen. ed. and math requirement, but not transferable):** MAT 110 (Intermediate Algebra)—requires ACT Math score of 19-24.

**1<sup>st</sup> entry-level course (transferable for gen. ed. and math):** MAT 115 (College Algebra)—requires ACT Math score of 19-24.

**Active remedial math courses:** MAT 098 (Fundamentals of Geometry), MAT 099 (Fundamentals of Mathematics).

## **MOREHEAD STATE UNIVERSITY**

**Unconditional institutional admission:** Index of 400+.

**Math placement Policy:** ACT Math scores. Below 18 requires remedial placement.

**Entry-level courses (satisfy gen. ed. requirement):** MAT 123 (Introduction to Statistics); MAT 131 (Mathematics Reasoning and Problem Solving); MAT 135 (Math for the Technical Student)—All require an ACT Math score of 18-19.

MATH 141 (Trigonometry) and MATH 152 (College Algebra) require an ACT Math score of 20. MATH 174 (Precalculus) requires an ACT Math Score of 22, and MATH 175 requires and ACT Math score of 25.

**Active remedial math courses:** MAT 091 (Beginning Algebra)—with ACT math score below 17, MAT 093 (Intermediate Algebra)—with ACT math score of 18-19.

## **MURRAY STATE UNIVERSITY**

**Institutional admission:** ACT Math 19+, ACT Eng 17+, ACT Reading 18+, ACT Science Reasoning 18+.

**Math placement policy:** ACT Math scores. Below 18 requires remedial placement, following placement tests.

**1<sup>st</sup> entry-level course (transferable for gen. ed. but not math):** MAT 117 (Mathematical Concepts).

**1<sup>st</sup> entry-level course (transferable for gen. ed. and math):** MAT 130 (Technical Math I)

**Active remedial courses:** MAT 100 (Developmental Math), MAT 105 (Introduction to Algebra), MAT 118 (Math Concepts Lab)

## **NORTHERN KENTUCKY UNIVERSITY**

**Institutional Admission:** ACT Math, English, and Reading score of 18.

**Math placement policy:** ACT Math scores. Students with an ACT Math score below 18 are required to take an in-house placement test. College Algebra requires an ACT Math score of 21 or higher: pre-calculus requires 23 or higher; calculus requires 25 or higher.

**Entry-level math courses (satisfy gen. ed. requirement):** MAT 110 (Introductory Probability), MAT 111 (Introductory Linear Mathematics), MAT 113 (Introduction to Probability and Statistics), MAT 115 (Mathematics for Liberal Arts), MAT 205 (Introduction to Statistical Methods), and MAT 212 (Statistics for Business Applications) require an ACT Math score of 18 or above.

**Active remedial math courses:** MAH 090 (Basic Mathematical Skills), MAH 095 (Beginning Algebra), MAH 097 (Elementary Geometry), MAH 099 (Intermediate Algebra), MAT 050X (Developmental Mathematics).

## UNIVERSITY OF KENTUCKY

**Institutional Admission:** Selective.

**Math placement policy:** ACT Math scores or placement tests. Students with an ACT Math score below 19 must take a placement test to enter college algebra, 21 or higher for MA 123 (Elementary Calculus and its Applications), 26 or higher for MA 113 (Calculus).

**Mathematics Basic Skills Requirement:** An ACT Math score of 26, or MAT 109 (College Algebra), or MAT 110 (Analytic Geometry and Trigonometry), or any calculus course

**Inference Skills Requirement:** Any calculus course, STA 200 (Statistics: A Force in Human Judgment), PHI 120 (Introductory Logic), or PHI 320 (Symbolic Logic I).

**Active remedial math course:** MAT 108R (Intermediate Algebra).

**Lexington Community College:**

**1<sup>st</sup> entry-level gen. ed course:** MAT 109 (College Algebra).

**Active remedial math courses:** MAT 108R (Intermediate Algebra), MAH 065 (Mathematics Laboratory I), MAH 080 (Intermediate Algebra: A Functional Approach), MAH 060 (Pre-Algebra), MAH 070 (Elementary Algebra).

## UNIVERSITY OF LOUISVILLE

**Institutional admission:** 2.5 GPA or ACT 16 or above.

**Mathematics placement policy:** Initial placement by ACT Math scores, subject to challenge by successful score on COMPASS. Below ACT math of 21 requires remedial placement. An ACT Math score of 27 or above is required for scientific calculus sequence.

**1<sup>st</sup> entry-level gen. ed. math courses (count toward quantitative reasoning requirement):**

MAT 105 (Introduction to Contemporary Mathematics)—placed by ACT Math score of at least 21, acceptable for degrees in humanities, education, and some social sciences. MAT 107 (Finite Mathematics) and MAT 111 (College Algebra) require an ACT Math score of 23.

**Active remedial math courses:** MAT 070 (Elementary Algebra) and MAT 080 (Intermediate Algebra), offered on UofL campus by Jefferson Community College through a cooperative arrangement called Pathways.

## WESTERN KENTUCKY UNIVERSITY

**Institutional admission:** ACT Composite score of 19.

**Math placement policy:** Combination of ACT Math scores, GPA, high school transcript, and an in-house placement test. An ACT Math score of less than 22 is likely to lead to placement in a remedial or enhanced course. A score of at least 26 is likely to be required for calculus.

**1<sup>st</sup> entry-level gen. ed. math course:** MAT 109 (General Mathematics).

**1<sup>st</sup> entry-level math course for programs requiring mathematics:** MAT 116 (College Algebra) requires 2 years of high school algebra and a score of 14 out of 20 on in-house placement test, or an ACT Math score of at least 22 and GPA of 3.0 in high school algebra, or a grade of C in MAT 100

(Intermediate Algebra). Several conditions may require placement in an enhanced section (MAT 116E).

**Active remedial math courses:** DMA 055 (Algebra I), DMA 80 (Geometry), MA 100 (Algebra II).

## **KENTUCKY COMMUNITY AND TECHNICAL COLLEGE SYSTEM**

**Placement policy for entry-level coursework:** ACT Math 18+, COMPASS Algebra 35+, ASSET Elem. Alg. 41+, Int. Alg. 38+.

**1<sup>st</sup> entry-level math courses (transferable to other institutions):** MT 107 (Contemporary College Mathematics) and MT 109 (College Algebra). MAH 100 is a workshop to accompany MT 109, intended for students with an ACT Math score of 18-19, and which students with an ACT Math score of 20 are not required to take.

**MAH courses do not fulfill gen. ed. transfer requirements:** MAH 121 (Mathematics for Business), MAH 125 (Technical Mathematics), MAH 144 (Calculus for Technical Students), MAH 151 (Applied Mathematics)

**Active remedial math courses:** AG 070 (Agrimath), MA 108R (Intermediate Algebra), MAH 060 (Pre-Algebra), MAH 065 (Mathematics Laboratory), MAH 070 (Elementary Algebra), MAH 075 (Pre-college Geometry), MAH 080 (Intermediate Algebra: A Functional Approach).